Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
Data File : BM017626.D
Acq On : 13 Nov 2018 18:23
Operator : MJ/SJ
Sample : J5770-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMS

Manual Integrations APPROVED
Sohil
11/14/2018 5:18:12 PM

Quant Time: Nov 14 03:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	200194	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	854629	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	520090	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1208793	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1317907	20.00	ng	0.00
87) Perylene-d12	23.41	264	1140258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1349194	113.74	ng	0.00
7) Phenol-d6	6.81	99	1672723	100.96	ng	0.00
23) Nitrobenzene-d5	8.77	82	1306052	78.89	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	959330	128.37	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3094724	77.20	ng	0.00
79) Terphenyl-d14	19.66	244	5126166	88.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	175081	35.439	ng	# 18
3) Pyridine	3.63	79	467643	32.270	ng	97
4) n-Nitrosodimethylamine	3.54	42	309437	48.474	ng	95
6) Aniline	6.97	93	235944	11.484	ng	99
8) 2-Chlorophenol	7.19	128	671733	47.316	ng	99
9) Benzaldehyde	6.78	77	417964	34.632	ng	99
10) Phenol	6.83	94	709188	40.782	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	602116	43.861	ng	97
12) 1,3-Dichlorobenzene	7.50	146	681488	42.787	ng	100
13) 1,4-Dichlorobenzene	7.65	146	699891	42.870	ng	99
14) 1,2-Dichlorobenzene	7.96	146	684990	43.271	ng	99
15) Benzyl Alcohol	7.87	79	618047	46.843	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	930262	44.508	ng	99
17) 2-Methylphenol	8.06	107	545296	46.548	ng	99
18) Hexachloroethane	8.67	117	256280	44.540	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	537743	45.204	ng	98
20) 3+4-Methylphenols	8.39	107	734409	45.121	ng	99
22) Acetophenone	8.44	105	1036028	48.571	ng	98
24) Nitrobenzene	8.82	77	797277	47.468	ng	99
25) Isophorone	9.34	82	1416927	55.416	ng	99
26) 2-Nitrophenol	9.52	139	371167	47.976	ng	97
27) 2,4-Dimethylphenol	9.58	122	626069	56.151	ng	97
28) bis(2-Chloroethoxy)methane	9.82	93	874278	50.486	ng	99
29) 2,4-Dichlorophenol	10.05	162	667810	51.596	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	701796	46.620	ng	99
31) Naphthalene	10.44	128	2135689	50.826	ng	99
32) Benzoic acid	9.75	122	389681m	38.582	ng	
33) 4-Chloroaniline	10.57	127	78741	4.279	ng	95
34) Hexachlorobutadiene	10.72	225	417378	44.661	ng	99
35) Caprolactam	11.36	113	151073m	31.695	ng	
36) 4-Chloro-3-methylphenol	11.69	107	752815	50.378	ng	100
37) 2-Methylnaphthalene	12.06	142	1618575	54.501	ng	99
38) 1-Methylnaphthalene	12.28	142	1543582	53.009	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	824292	44.945	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1004851	106.033 ng	98
43) 2,4,6-Trichlorophenol	12.68	196	572266	49.817 ng	99
44) 2,4,5-Trichlorophenol	12.75	196	615747	50.765 ng	98
46) 1,1'-Biphenyl	13.09	154	2095385	44.884 ng	99
47) 2-Chloronaphthalene	13.13	162	1640413	47.341 ng	99
48) 2-Nitroaniline	13.35	65	542224	50.599 ng	98
49) Acenaphthylene	13.98	152	2724238	52.328 ng	100
50) Dimethylphthalate	13.73	163	2125658	50.270 ng	100
51) 2,6-Dinitrotoluene	13.86	165	477257	50.686 ng	100
52) Acenaphthene	14.33	154	1583012	49.546 ng	100
53) 3-Nitroaniline	14.19	138	126861	12.375 ng	98
54) 2,4-Dinitrophenol	14.40	184	577660	98.664 ng	97
55) Dibenzofuran	14.67	168	2575518	49.327 ng	98
56) 4-Nitrophenol	14.51	139	738347	85.333 ng	99
57) 2,4-Dinitrotoluene	14.65	165	682804	53.796 ng	99
58) Fluorene	15.32	166	2150113	53.790 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	592791	53.136 ng	98
60) Diethylphthalate	15.10	149	2205333	48.269 ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1087421	47.883 ng	98
62) 4-Nitroaniline	15.36	138	451793	46.762 ng	99
63) Azobenzene	15.61	77	2145744	50.804 ng	99
65) 4,6-Dinitro-2-methylphenol	15.42	198	392591	46.883 ng	97
66) n-Nitrosodiphenylamine	15.54	169	1895367	48.769 ng	100
67) 4-Bromophenyl-phenylether	16.22	248	677940	47.421 ng	99
68) Hexachlorobenzene	16.32	284	761015	47.219 ng	96
69) Atrazine	16.50	200	699502	48.936 ng	97
70) Pentachlorophenol	16.67	266	967652	85.690 ng	98
71) Phenanthrene	17.06	178	3450552	52.606 ng	99
72) Anthracene	17.15	178	3529686	55.301 ng	100
73) Carbazole	17.43	167	3200159	49.618 ng	99
74) Di-n-butylphthalate	17.99	149	3835249	53.418 ng	100
75) Fluoranthene	19.08	202	4058404	54.685 ng	99
77) Benzidine	19.28	184	684053	15.939 ng	99
78) Pyrene	19.44	202	4209556	51.768 ng	100
80) Butylbenzylphthalate	20.36	149	1765240	53.448 ng	99
81) Benzo(a)anthracene	21.20	228	4062662	53.508 ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	483440	16.498 ng	98
83) Chrysene	21.26	228	3822400	51.833 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2453524	50.251 ng	100
85) Di-n-octyl phthalate	22.01	149	4186465	53.548 ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3310208	56.172 ng	99
88) Benzo(b)fluoranthene	22.76	252	3744640	56.077 ng	100
89) Benzo(k)fluoranthene	22.80	252	3507526	51.968 ng	100
90) Benzo(a)pyrene	23.31	252	3363354	55.239 ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2804997	54.798 ng	99
92) Benzo(g,h,i)perylene	26.27	276	2670690	55.482 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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